






| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 158 | (380/268).CCLS.  | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/09/24 20:11 |
| L2 | 212130 | ecma "267" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:11 |
| L3 | 29 | ECMA-267  | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:11 |
| L4 | 30 | ECMA adj "267"  | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:12 |
| L5 | 335 | (scrambler or scrambling) same (Dvd)  | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:12 |
| L6 | 0 | 5 and 64kb | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:12 |
| L7 | 6 | 5 and 2k  | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:13 |
| L8 | 0 | 5 and 32kb | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:13 |

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| L9 | 4 | 5 and 64k | 52 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:13 |
| L10 | 2 | 5 and 32k | 52 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:13 |
| L11 | 158 | (380/268).CCLS. | 52 | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/09/24 20:13 |
| L12 | 533 | (380/46).CCLS. | 52 | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/09/24 20:14 |
| L13 | 182 | (369/60.01).CCLS. | 52 | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/09/24 20:14 |
| L14 | 33 | (708/235).CCLS. | 52 | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/09/24 20:32 |
| L15 | 7 | "5661707" | | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 20:32 |
| S1 | 191 | differential adj phase adj detection | | USPAT; EPO; DERWENT | OR | OFF | 2004/02/02 11:42 |
| S2 | 102 | (differential adj phase adj detection) and DVD | | USPAT; EPO; DERWENT | OR | OFF | 2004/01/27 10:34 |
| S3 | 20 | ((differential adj phase adj detection) and DVD) and ECC | | USPAT; EPO; DERWENT | OR | OFF | 2004/01/27 10:34 |
| S4 | 132 | (380/268).CCLS. | | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/27 10:52 |
| S5 | 49 | ((380/268).CCLS.) and (CD or DVD or optical) | | USPAT; EPO; DERWENT | OR | OFF | 2004/01/27 10:53 |

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| S6 | 14 | ((380/268).CCLS.) and (CD or DVD) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/27 10:56 |
| S7 | 4727 | DVD.ti. | USPAT; EPO; DERWENT | OR | OFF | 2004/01/27 10:56 |
| S8 | 40 | DVD.ti. and (scramble or scrambler or scrambling) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:44 |
| S9 | 10 | DVD.ti. and (scramble or scrambler or scrambling).ti. | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 12:55 |
| S10 | 486 | servo and (scramble or scrambler or scrambling) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:45 |
| S11 | 212 | (servo and (scramble or scrambler or scrambling)) and sector | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:45 |
| S12 | 136 | ((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:45 |
| S13 | 92 | ((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random)) and tracking | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:47 |
| S14 | 41 | ((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random)) and tracking) and (shift or shifting or shifts) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:48 |
| S15 | 7145 | (random adj number adj generator) or (random adj data adj generator) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:49 |
| S16 | 17895 | data adj frame | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:49 |
| S17 | 142 | ((random adj number adj generator) or (random adj data adj generator)) and (data adj frame) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:49 |
| S18 | 44 | ((random adj number adj generator) or (random adj data adj generator)) and (data adj frame)) and track | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:51 |
| S19 | 0 | ((random adj number adj generator) or (random adj data adj generator)) and (data adj frame)) and track) and (servo and (scramble or scrambler or scrambling)) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:50 |
| S20 | 81871 | (optical adj disc) or (optical adj disk) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:51 |

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|-----|-------|--|-------------------------------------|----|-----|------------------|
| S21 | 34199 | ((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:53 |
| S22 | 827 | (((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:55 |
| S23 | 195 | ((((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page)) and cycle | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:55 |
| S24 | 11 | ((((((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page)) and cycle) and (random same cycle) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:22 |
| S25 | 1023 | (random adj number adj generator).ti. | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 15:59 |
| S26 | 25 | ((random adj number adj generator).ti.) and (scramble or scrambler or scrambles or scrambling) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 16:00 |
| S27 | 28 | (708/235).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:11 |
| S28 | 490 | (380/46).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:11 |
| S29 | 91 | ((380/46).CCLS.) and block and (scramble or scrambling) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:14 |
| S30 | 10 | ((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disk) or CD or DVD) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:16 |
| S31 | 3 | (((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disk) or CD or DVD)) and track | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:16 |

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|-----|------|---|-------------------------------------|----|-----|------------------|
| S32 | 3 | (((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disc) or CD or DVD)) and track | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 17:16 |
| S33 | 6444 | Block and (scramble or scrambling or scrambles) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:22 |
| S34 | 1425 | (Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:23 |
| S35 | 346 | ((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD)) and sector | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:23 |
| S36 | 38 | ((((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and outermost | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:24 |
| S37 | 36 | ((((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and (outermost and track) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:24 |
| S38 | 4 | ((((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and (outermost adj track) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:12 |
| S39 | 525 | (((((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:40 |
| S40 | 1670 | (((((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 17:42 |
| S41 | 116 | (369/59.1).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:54 |
| S42 | 187 | (369/44.38).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:54 |

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| S43 | 68 | (369/44.39).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:55 |
| S44 | 120 | (369/59.26).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:55 |
| S45 | 36 | (369/59.27).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 17:56 |
| S46 | 103 | (369/60.01).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 18:00 |
| S47 | 306 | (708/250).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 18:01 |
| S48 | 70 | (380/221).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 18:01 |
| S49 | 155 | (380/239).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 18:02 |
| S50 | 132 | (380/268).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/01/30 18:08 |
| S51 | 10 | ((380/268).CCLS.) and track | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:09 |
| S52 | 7 | "5661707" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:42 |
| S53 | 1142 | outermost adj track | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 18:14 |
| S54 | 392 | ((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (outermost adj track) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:16 |
| S55 | 175 | ((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (outermost adj track) and (cyclic or scramble or sector) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:28 |

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| S56 | 49 | (4k or 4kilo or 4kbytes or 4kilobytes or (4?2kilobytes) or (4?2k)) near8 sector | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 18:30 |
| S57 | 214678 | ((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:33 |
| S58 | 7 | ((4k or 4kilo or 4kbytes or 4kilobytes or (4?2kilobytes) or (4?2k)) near8 sector) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:33 |
| S59 | 20 | "4603413" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:45 |
| S60 | 12 | "4731797" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:43 |
| S61 | 23 | "5122912" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:43 |
| S62 | 23 | "5451943" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:43 |
| S63 | 16 | "5151699" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 18:43 |
| S64 | 80 | "4603413" or "4731797" or "5122912" or "5151699" or "5451943" | USPAT; EPO; DERWENT | OR | OFF | 2004/02/02 17:29 |
| S65 | 661 | ECC adj block | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 20:04 |
| S66 | 4 | (outermost adj track) and (ECC adj block) | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 19:51 |
| S67 | 438 | (ECC adj block) and (sector or (data adj frame)) | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:53 |
| S68 | 349 | ((ECC adj block) and (sector or (data adj frame))) and track | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:55 |
| S69 | 200 | ((ECC adj block) and (sector or (data adj frame))) and outer | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:54 |
| S70 | 315 | ((ECC adj block) and (sector or (data adj frame))) and track and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:55 |

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| S71 | 81 | (((((ECC adj block) and (sector or (data adj frame)))) and track) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and outermost | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:56 |
| S72 | 33 | (((((ECC adj block) and (sector or (data adj frame)))) and track) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and outermost) and (random or scramble or scrambling) | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 19:56 |
| S73 | 380 | (ECC adj block) and DVD | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 20:04 |
| S74 | 78 | ((ECC adj block) and DVD) and outermost and track | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 20:06 |
| S75 | 7 | "5661707" | USPAT; EPO; DERWENT | OR | OFF | 2004/01/30 20:06 |
| S76 | 86 | ((369/59.24).CCLS.) and (track or period) | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 20:08 |
| S77 | 18 | ((((369/59.24).CCLS.) and (track or period)) and ECC | USPAT; EPO; DERWENT | OR | ON | 2004/01/30 20:08 |
| S78 | 100 | (369/59.24).CCLS. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/02/02 11:42 |
| S79 | 0 | ((369/59.24).CCLS.) and (DPD or DPT or (differential adj phase)) | USPAT; EPO; DERWENT | OR | OFF | 2004/02/02 11:42 |
| S80 | 24905 | ((differential adj phase adj detection) or (differential adj phase tracking)).ti. | USPAT; EPO; DERWENT | OR | OFF | 2004/02/02 11:43 |
| S81 | 18 | ((differential adj phase adj detection) or (differential adj phase adj tracking)).ti. | USPAT; EPO; DERWENT | OR | OFF | 2004/02/02 11:44 |
| S82 | 2 | ("6377548").PN. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/02/02 17:29 |
| S83 | 0 | ("erroradjcorrectionadj(codeorcodes")) .PN. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/03/02 16:14 |
| S84 | 8498 | error adj correction adj (code or codes) | USPAT; EPO; DERWENT | OR | OFF | 2004/03/02 16:14 |

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| S85 | 393 | (error adj correction adj (code or codes)) and scrambling | USPAT; EPO; DERWENT | OR | OFF | 2004/03/02 16:15 |
| S86 | 212 | ((error adj correction adj (code or codes)) and scrambling) and (optical or DVD or CD-ROM or CDROM) | USPAT; EPO; DERWENT | OR | OFF | 2004/03/02 16:17 |
| S87 | 2 | ("5661707").PN. | USPAT; USOCR; EPO; DERWENT | OR | OFF | 2004/03/02 16:18 |
| S88 | 1 | ((("5661707").PN.) and error | USPAT; EPO; DERWENT | OR | OFF | 2004/03/02 16:19 |
| S89 | 407 | error adj correction adj block | USPAT; EPO; DERWENT | OR | OFF | 2004/03/02 16:19 |
| S10 0 | 7 | "5661707" | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:18 |
| S10 1 | 7856 | random adj number adj generator | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:18 |
| S10 2 | 1103 | (random adj number adj generator).ti. | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:20 |
| S10 3 | 0 | "scramble.ti" | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:20 |
| S10 4 | 766 | scramble.ti. | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:20 |
| S10 5 | 764 | scrambler.ti. | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:20 |
| S10 6 | 1490 | S104 or S105 | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:20 |
| S10 7 | 191 | S106 and (cd or dvd or optical) | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:21 |
| S10 8 | 123 | S106 and (cd or dvd or optical).ti. | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:26 |
| S10 9 | 38 | scrambled adj frame | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:44 |
| S11 0 | 8 | DPD adj control | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:44 |

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| S11 1 | 1 | S110 and (cd or dvd or optical) | USPAT; EPO; DERWENT | OR | OFF | 2005/02/07 19:45 |
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